Post Implementation Evaluation Reports

Construction Management System - KDOT

Project Dates: 8/1999 through 9/2002
Project Cost: $3,163,356

PROJECT OBJECTIVES
The objective of the project was to update the technology of the application from one that is no longer supported to a current technology that can be supported. Since 1992, technology has evolved in operating systems and the implementation of the Ethernet system. A strategic direction has been adopted by the agency to use operating systems such as Microsoft Windows.

The business problem to be solved was that KDOT had difficulty keeping the old, unsupported technologies of CMS running satisfactorily as technology has changed. There were concerns that the system may fail or fail to operate efficiently.

The initial effort in the project was to study and identify options to convert the CMS application to be one that is compatible with the Ethernet System and the Windows NT platform. After evaluation, KDOT decided to use JAVA and IBM's DB2 Satelite as the programming language and database. The CMS system stores it's core data in IBM's DB2 mainframe data base.